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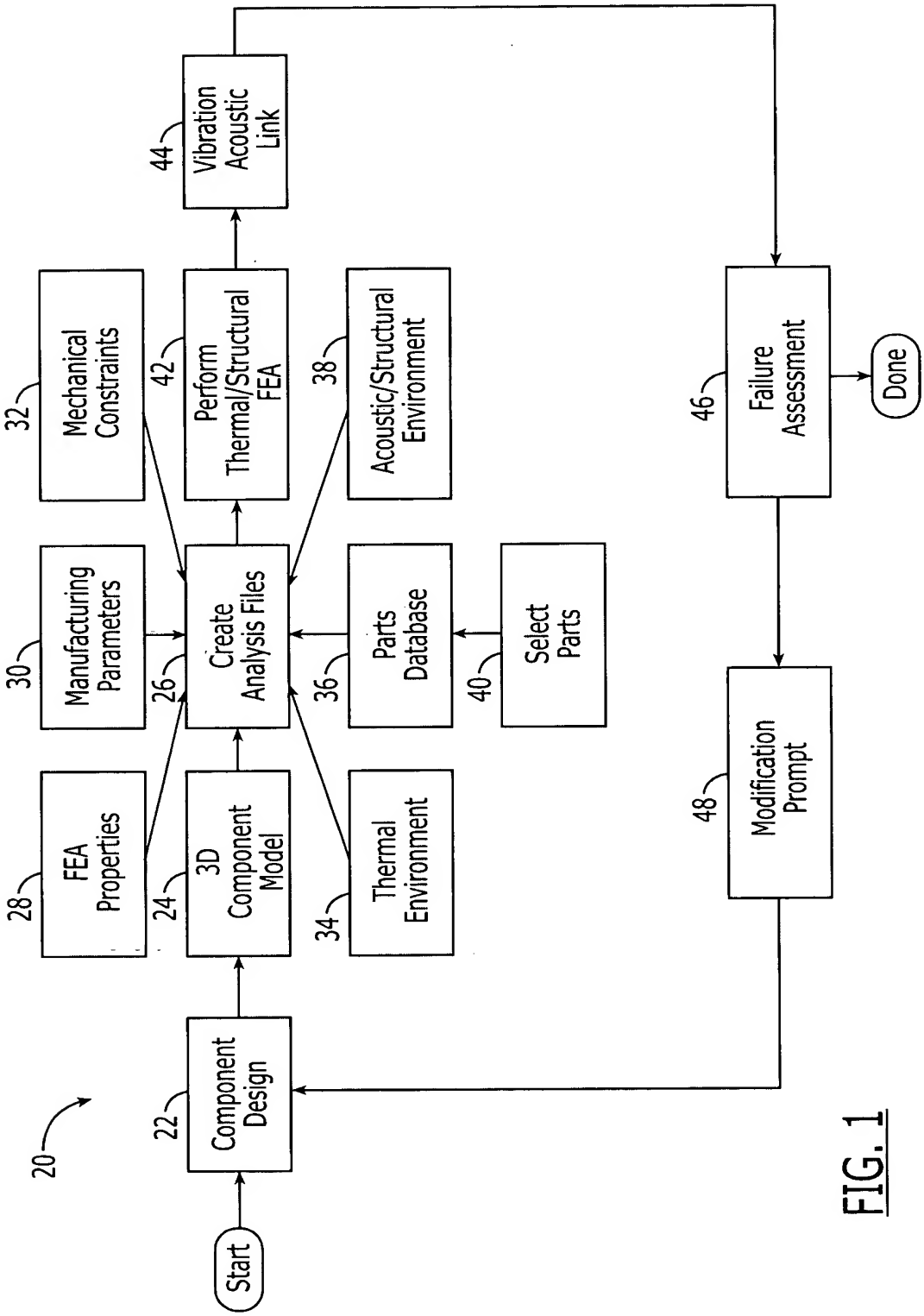

FIG. 1

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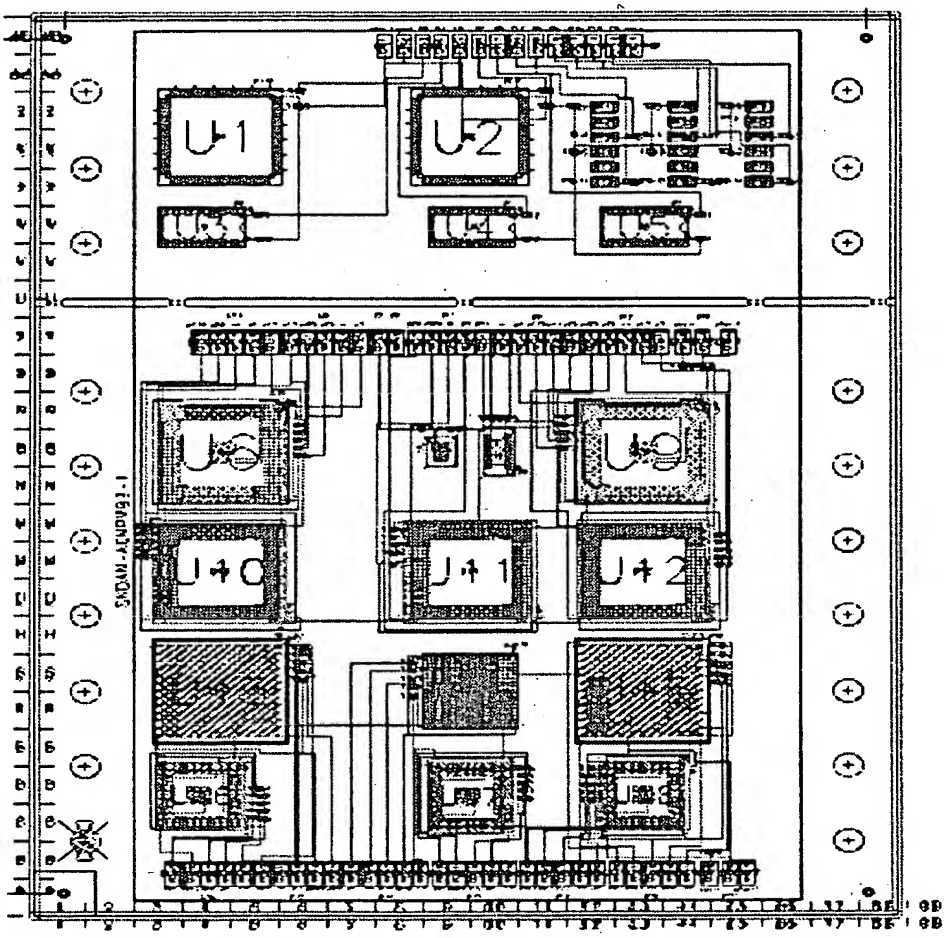

FIG. 2

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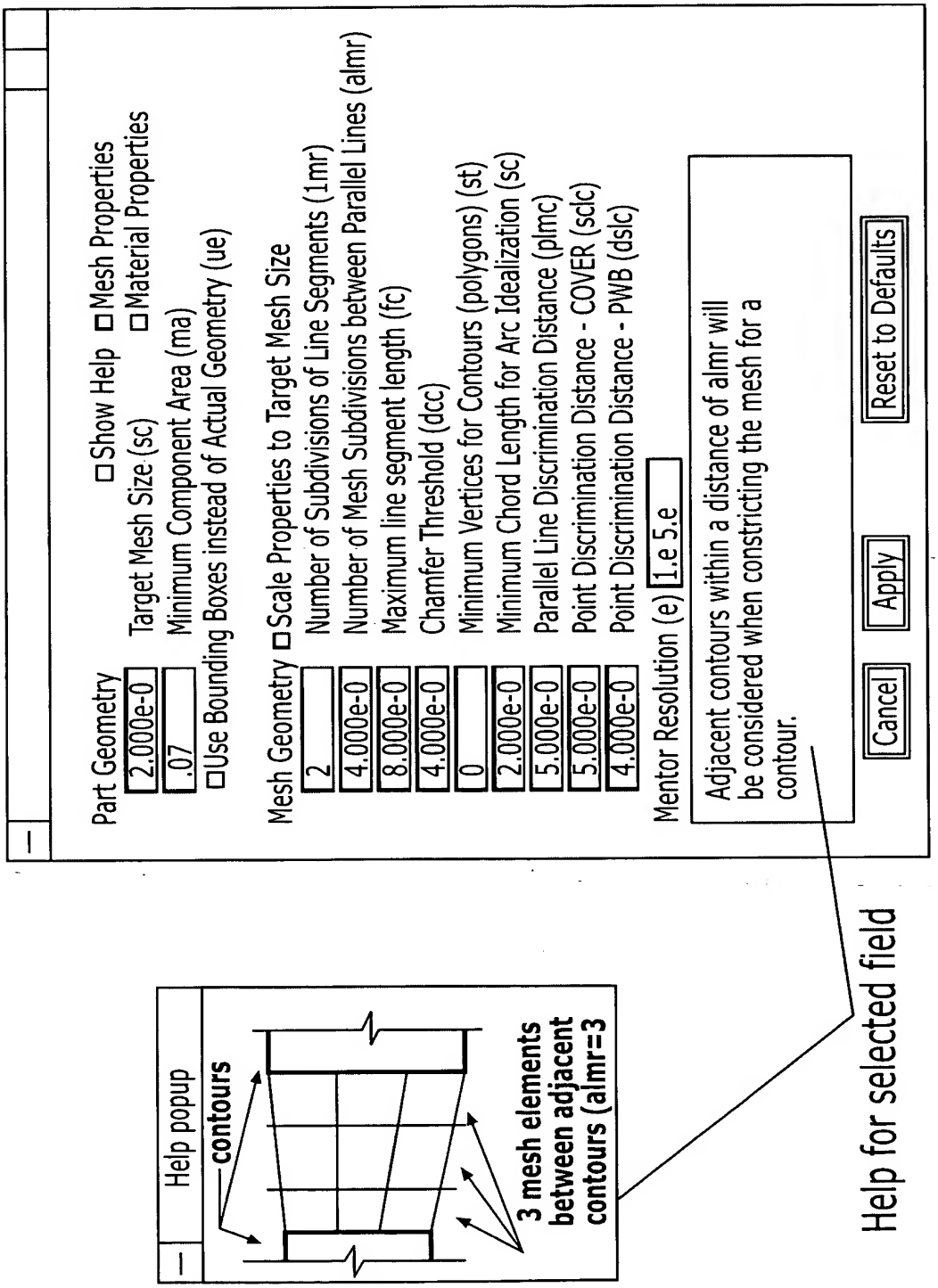

FIG. 3

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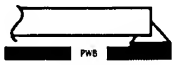
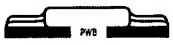
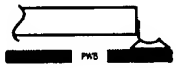
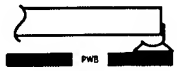
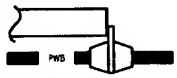
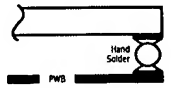
	Durability Module	Description	Configuration
	CCC	Leadless chip component	
54	DIO	Planar-diode package	
52	IND	Inductor feedthrough foil	
58	Hybrid-GW	Gull wing	
	Hybrid-SGW	Spider gull wing	
	L-lead	L-leaded component	
56	J-lead	J-leaded component	
	PTH	Plated-through-hole component	
59	PBGA	Plastic ball grid arrays	

FIG. 4

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Title: METHOD, SYSTEM AND COMPUTER PROGRAM PRODUCT FOR
MULTIDISCIPLINARY DESIGN ANALYSIS OF STRUCTURE COMPONENTS
Appl. No. 10/074,914, filed February 12, 2002
Inventor(s): Mostafa Rassaian
Attorney Docket No. 038190/235965

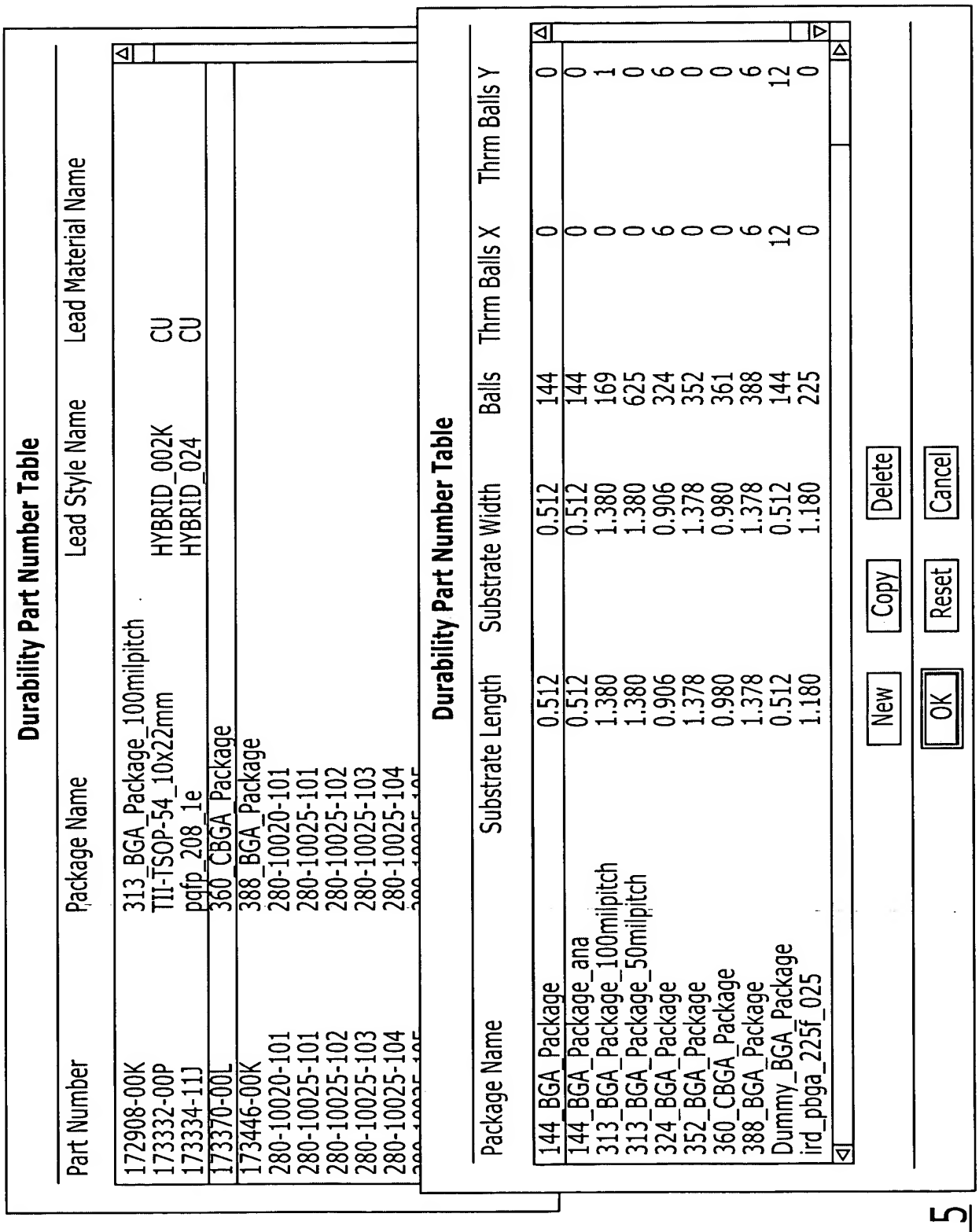

FIG. 5

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Durability Part Number Table

Part Number	Package Name	Lead Style Name	Lead Material Name
172908-00K	313_BGA_Package_100milpitch		
173332-00P	TII-TSOP-54_10X22mm	HYBRID_002K	CU
173334-11J	pqfp_208_1e	HYBRID_024	CU
173370-00L	360_CBGA_Package		
173446-00K	388_BGA_Package		
280-10020-101	280-10020-101		
280-10025-101	280-10025-101		
280-10025-102	280-10025-102		
280-10025-103	280-10025-103		
280-10025-104	280-10025-104		

Durability Part Number Table

Lead Style Name	S1	S2	S3	RHO	R1	R2	E	H1	D	S1
	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
900-11695-fig1	0.000	-0.030	0.000	0.000	0.000	0.013	0.000	0.047	0.014	0.015
HYBRID_001	0.005	0.080	0.080	0.000	0.750	0.650	0.008	0.008	0.050	0.010
HYBRID_002	0.020	0.030	-0.035	0.000	0.005	0.005	0.105	0.105	0.026	0.007
HYBRID_002A	0.025	0.030	0.055	0.000	0.005	0.005	0.000	0.057	0.007	0.010
HYBRID_002b	0.010	0.030	0.056	0.000	0.005	0.005	0.000	0.035	0.006	0.006
HYBRID_002c	0.000	0.006	0.021	0.000	0.005	0.005	0.000	0.040	0.018	0.004
HYBRID_002d	0.000	0.006	0.021	0.000	0.001	0.001	0.000	0.050	0.017	0.011
HYBRID_002e	0.016	0.013	0.051	0.000	0.005	0.005	0.000	0.072	0.009	0.004
HYBRID_002f	0.037	0.012	0.071	0.000	0.006	0.006	0.000	0.063	0.012	0.005

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FIG. 6

Title: METHOD, SYSTEM AND COMPUTER PROGRAM PRODUCT FOR MULTIDISCIPLINARY DESIGN ANALYSIS OF STRUCTURE COMPONENTS
Appl. No. 10/074,914, filed February 12, 2002
Inventor(s): Mostafa Rassaian
Attorney Docket No. 038190/235965

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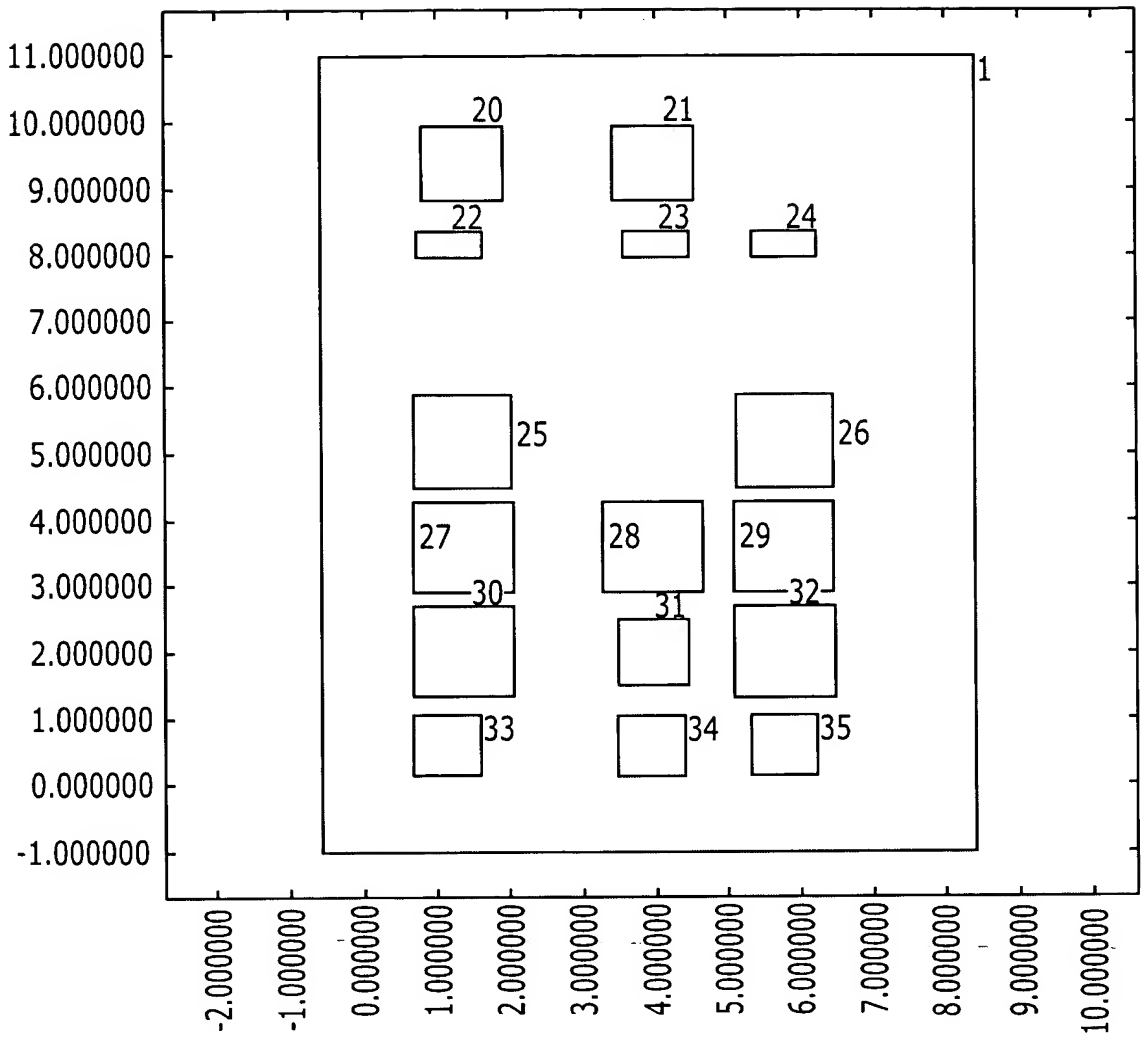

FIG. 8

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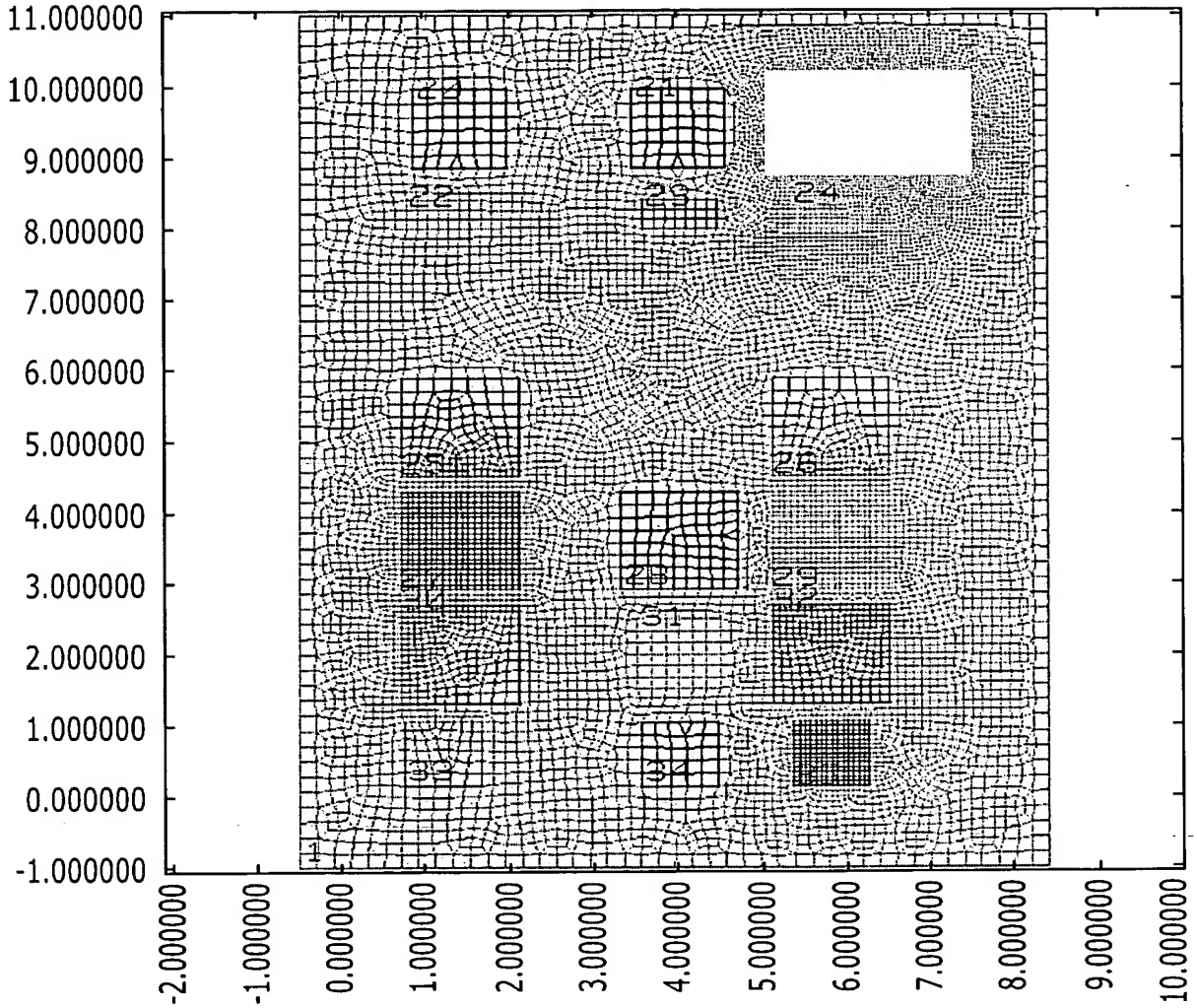

FIG. 9

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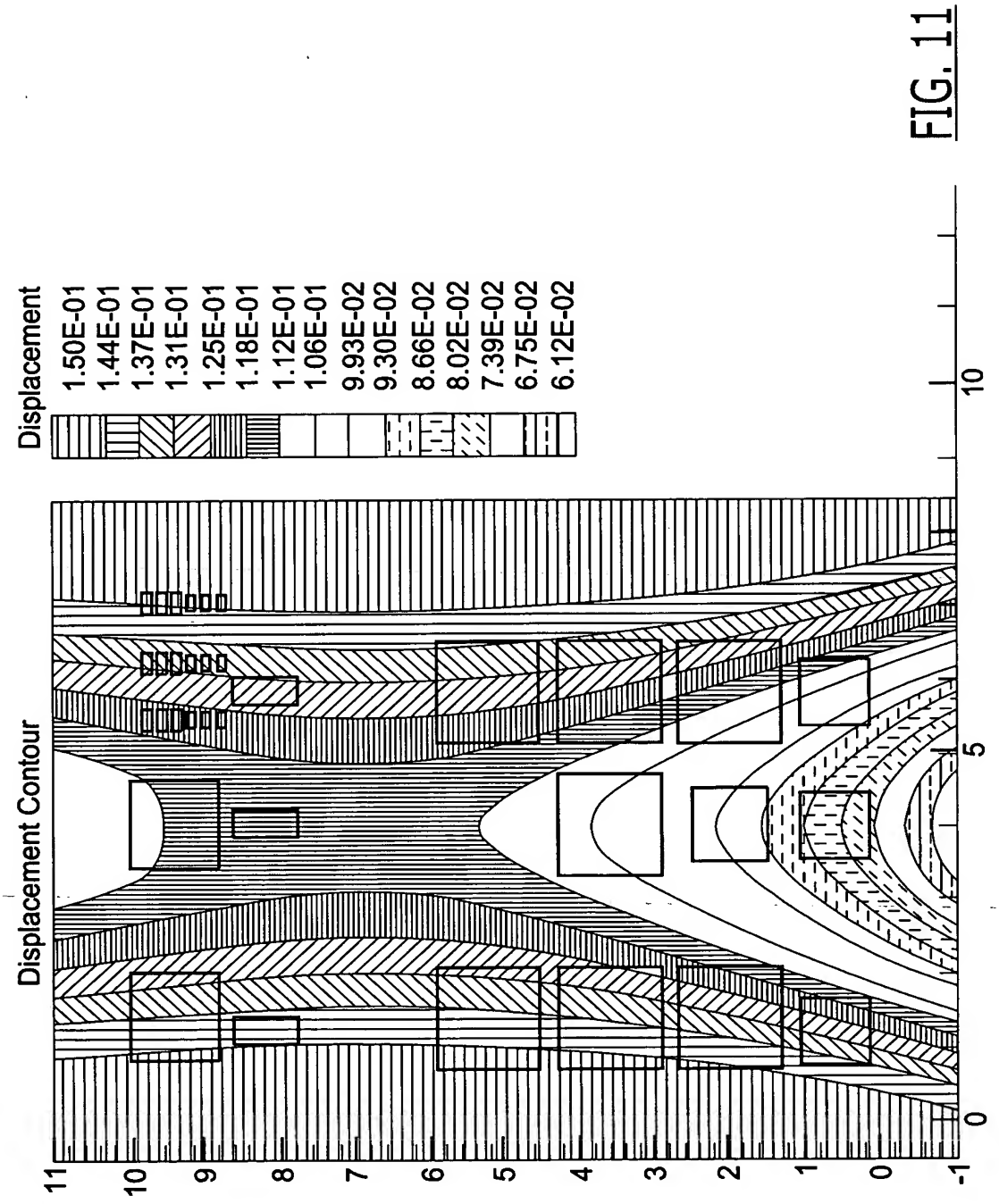

FIG. 11

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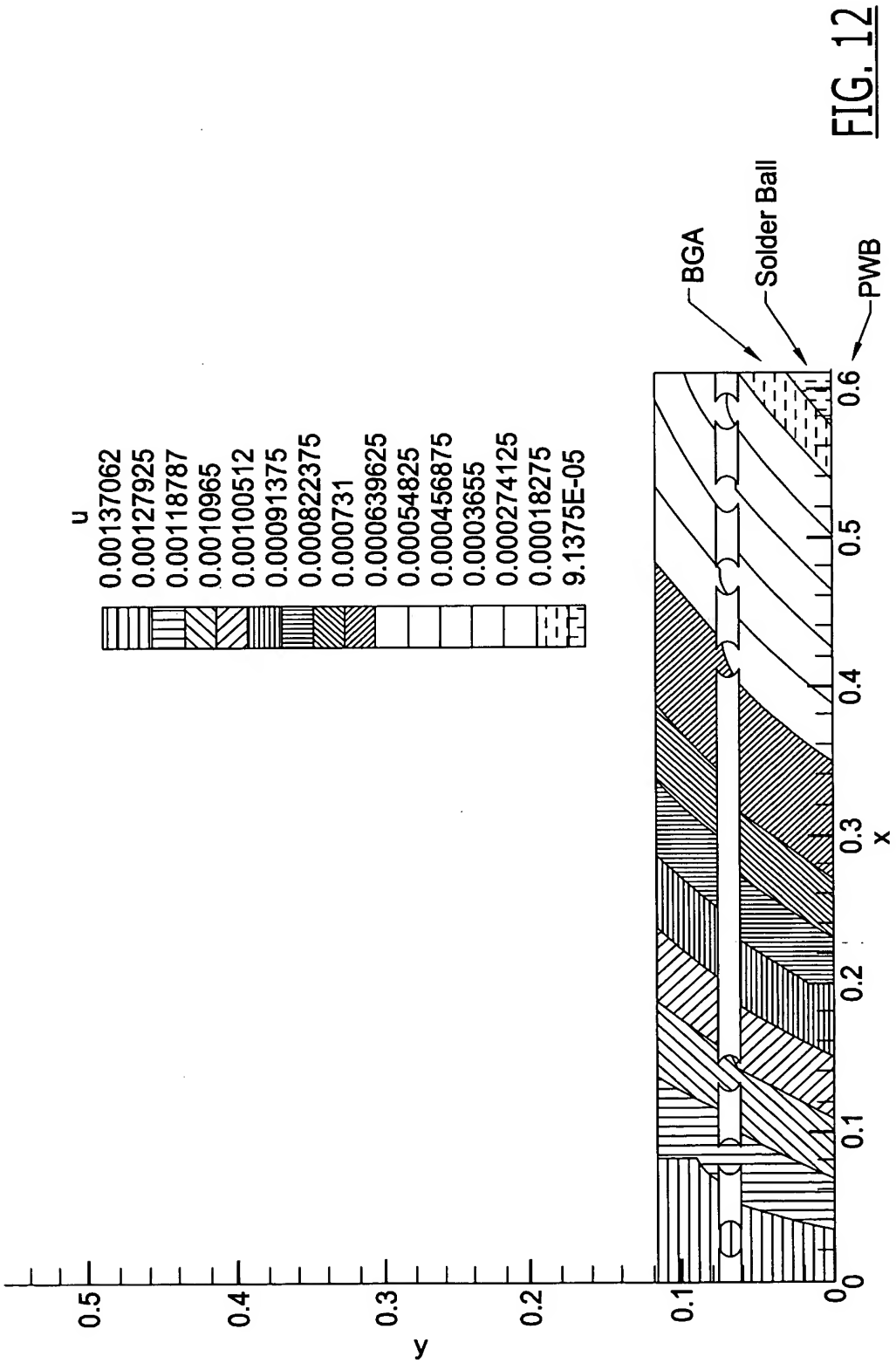

FIG. 12

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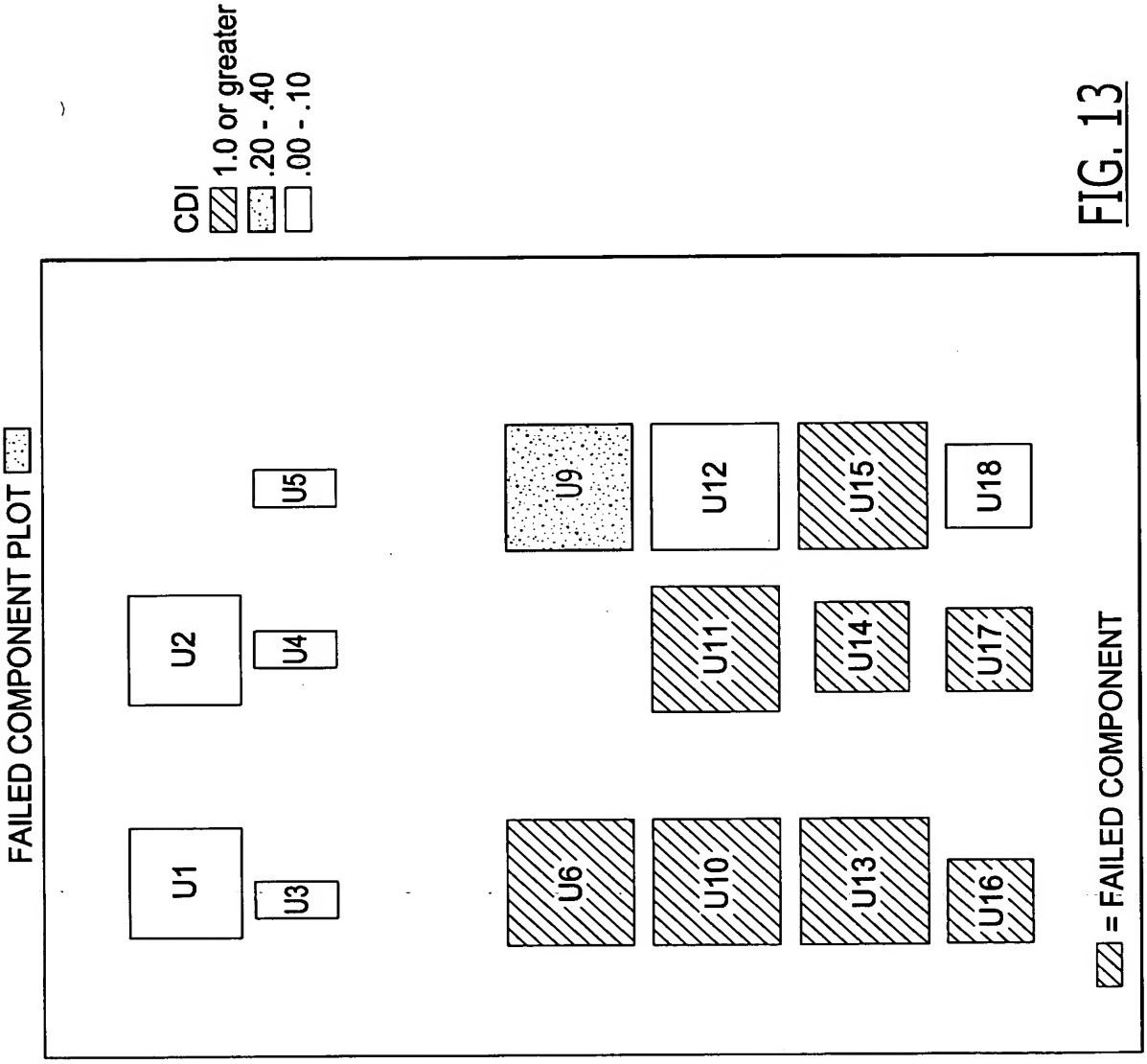

FIG. 13